

C. Amendment to the Claims

Please cancel claims 1-16 without prejudice or disclaimer.

Please add new claims 17-34 as follows.

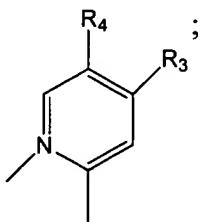
1-16. (Cancelled)

17. (New) A luminescence device, comprising: at least a pair of electrodes and an organic compound layer, which is disposed between the pair of electrodes and which comprises a metal coordination compound selected from the group consisting of:

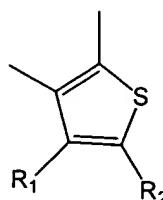
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A)



wherein M is Ir; n is 3; CyN is



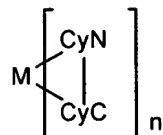
CyC is



; and R₁, R₂, R₃, and R₄ are independently selected from the group consisting of a halogen atom; a trialkylsilyl group containing three linear or branched alkyl groups each independently having 1 - 8 carbon atoms; and a linear or branched alkyl group having 1 - 8 carbon atoms, which can include at least one methylene group that (i) can be replaced with -O-, -S-, -CO-, -CO-O-, or -O-C(O)- and (ii) can include a hydrogen

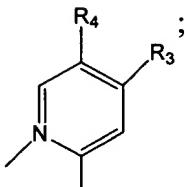
atom, which can be replaced with a fluorine atom, wherein such methylene groups are non-neighboring;

B)



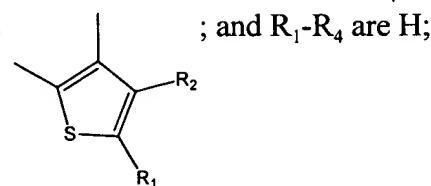
(1),

wherein M is Ir; n is 3; CyN is



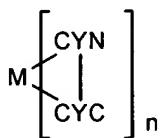
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CyC is



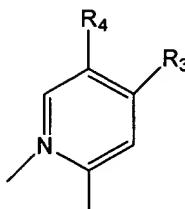
; and R₁-R₄ are H;

C)

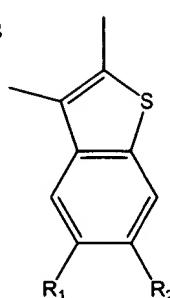


(1),

wherein M is Ir; n is 3; CyN is

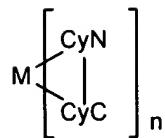


CyC is



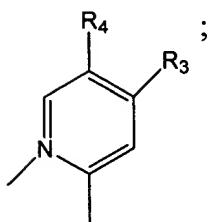
; and R₁-R₄ are H;

D)

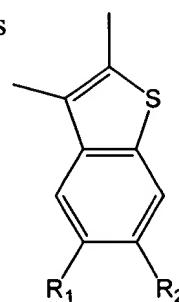


(1),

wherein M, is Ir ; n is 3; CyN is

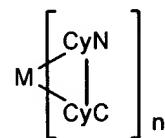


CyC is ; and R₁-R₃ are H, and R₄ is CF₃;



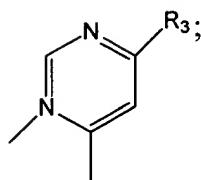
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E)

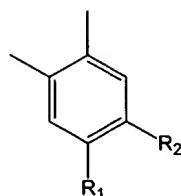


(1),

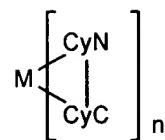
wherein M is Ir; n is 3; CyN is



CyC is ; and R₁-R₃ are H;

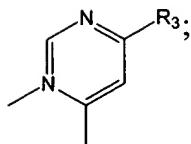


F)

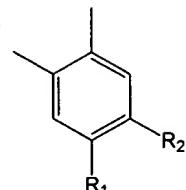


(1),

wherein M is Ir; n is 3; CyN is

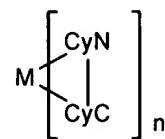


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CyC is



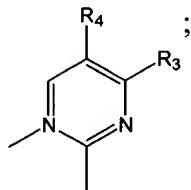
; and R₁ and R₃ are H, and R₂ is NO₂;

G)

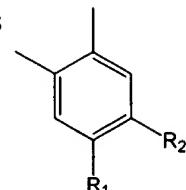


(1),

wherein M is Ir; n is 3; CyN is

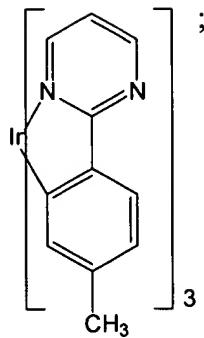


CyC is

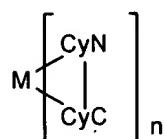


; and R₁-R₄ are H;

H)



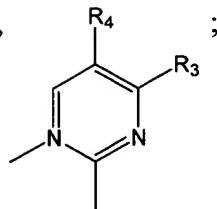
I)



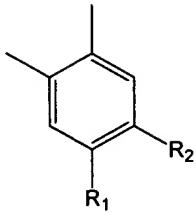
(1),

B3

wherein M is Ir; n is 3; CyN is,

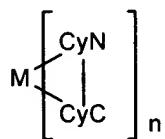


CyC is



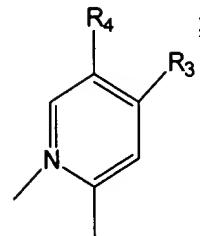
; and R₁, R₃ and R₄ are H and R₂ is F;

J)

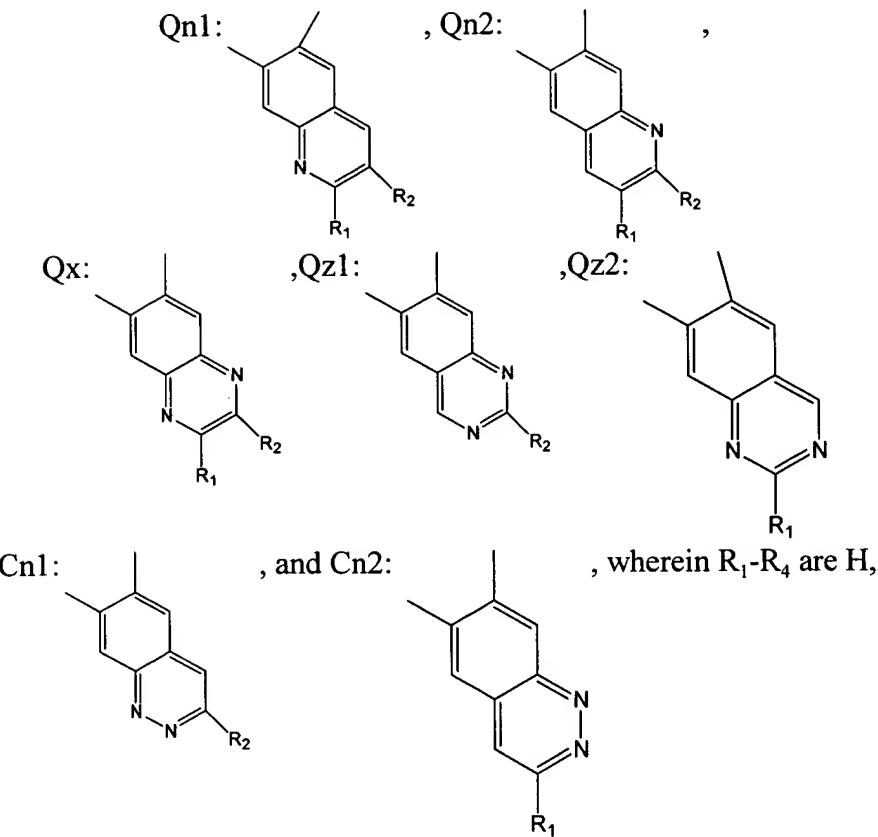


(1),

wherein M is Ir; n is 3; CyN is



CyC is any one of



with the proviso that the respective ligands are identical to each other; and

K)



where M is Rh or Pd;

n is 2 when M is Pd or n is 3 when M is Rh;

CyN is a substituted or unsubstituted cyclic group containing a nitrogen

atom connected to M and optionally containing another nitrogen atom and/or a sulfur atom;

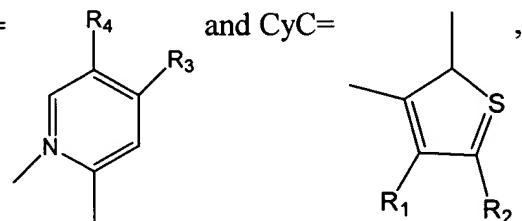
and

CyC is a substituted or unsubstituted cyclic group containing a carbon atom connected to M and optionally containing a nitrogen atom and/or a sulfur atom, wherein CyN and CyC are connected to each other via a covalent bond, and each of substituents for CyN and CyC is selected from the group consisting of a halogen atom; nitro group; a trialkylsilyl group containing three linear or branched alkyl groups each independently having 1 - 8 carbon atoms; and a linear or branched alkyl group having 1 - 20 carbon atoms, which optionally includes:

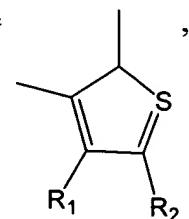
at least one methylene group optionally replaced with $-\text{O}-$, $-\text{S}-$, $-\text{C}(\text{O})-$, $-\text{C}(\text{O})-\text{O}-$, $-\text{O}-\text{C}(\text{O})-$, $-\text{CH}=\text{CH}-$ or $-\text{C}\equiv\text{C}-$, wherein optionally replaced methylene groups are non-neighboring, and can include a hydrogen atom, which can be replaced with a fluorine atom, with the provisos that:

a sum of nitrogen atoms and sulfur atoms present in ring structures of CyN and CyC is at least 2,

when $\text{M}=\text{Rh}$, $n=3$, $\text{CyN}=$



and $\text{CyC}=$



and at least one of CyN and CyC has a substituent.

18. (New) The device according to claim 17, wherein the metal coordination compound is A.

19. (New) The device according to claim 17, wherein the metal coordination compound is B.

20. (New) The device according to claim 17, wherein the metal coordination compound is C.

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21. (New) The device according to claim 17, wherein the metal coordination compound is D.

22. (New) The device according to claim 17, wherein the metal coordination compound is E.

23. (New) The device according to claim 17, wherein the metal coordination compound is F.

24. (New) The device according to claim 17, wherein the metal coordination compound is G.

25. (New) The device according to claim 17, wherein the metal coordination compound is H.

26. (New) The device according to claim 17, wherein the metal coordination compound is I.

27. (New) The device according to claim 17, wherein the metal coordination compound is J.

28. (New) The device according to claim 17, wherein the metal coordination compound is K.

29. (New) The device according to claim 17, wherein the device emits light exhibiting an emission spectrum peak wavelength of at least 550 nm.

30. (New) The device according to claim 17, wherein the metal coordination compound of formula (1) contains a ligand having a dipole moment of at most 7 debye.

31. (New) A flat panel display comprising a luminescence device according to claim 17.

32. (New) A liquid crystal display apparatus comprising a luminescence device according to claim 17 as a backlight device.

33. (New) A luminescence device array comprising an array with a plurality of luminescence devices according to claim 17 each independently being addressable as to luminous and nonluminous states.

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34. (New) An image forming apparatus, comprising a photosensitive drum and a luminescence device according to claim 17 as an exposure light source for exposing the photosensitive drum to light.